AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. - 12. (Cancelled)

13. (Currently amended) The system of claim [[12]] 23, wherein said immobile tube extends substantially horizontally and forms a catenary curve.

14. (Currently amended) The system of claim [[12]] 23, wherein said induction heating system extends over the length of said movable tube.

15. (Currently amended) The system of claim [[12]] 23, wherein said movable tube comprises an electrically non-conducting material that is heat-resistant and resistant to compression.

16. (Currently amended) The system of claim [[15]] 23, wherein said movable tube comprises a carbon fiber compound.

17. (Cancelled)

18. (Cancelled)

19. (Currently amended) The system of claim [[12]] 23, wherein a portion of said immobile tube includes an electrically non-conducting material that is heat-resistant, resistant to compression and is surrounded by a second induction heating system.

20. (Currently amended) The system of claim [[12]] 23, wherein:

said induction heating system secured to said movable tube comprise a downstream induction heating system set for heating at a temperature above the vulcanization temperature; and

further comprising an upstream induction heating system, disposed upstream of said cross head which, is set to a temperature below the vulcanization temperature.

21. (Currently amended) The system of claim [[12]] 23, wherein said immobile tube piece comprises a bearing with which an upper part of said immobile tube is supported.

22. (Currently amended) The system of claim [[12]] 23, wherein:

said movable tube is slidable over said immobile tube;

a bearing supports an upper part of said tube structure; and

said bearing is connected to said immobile tube and is disposed at a location that is not covered by said movable tube when said movable tube is moved over said immobile tube.

23. (Previously presented) A system for producing cables, comprising:

an extrusion structure including at least one extruder and a cross head, the extrusion structure extruding a jacket layer around at least one line of cable;

a tube structure including a plurality of tubes disposed downstream of said cross head, said tube structure cross-linking and/or vulcanizing the extruded jacket layer;

said tubes including a movable tube and an immobile tube, said movable tube being slidable over said immobile tube;

said movable tube being streamwise adjacent to said cross head and enabling access to said cross head;

an induction heating system being securely disposed in or attached to said movable tube so that said induction heating system is insertable into or slidable over said immobile tube; and

said movable tube including an exterior surface on which said induction heating system is affixed, said movable tube having an interior diameter that is greater than an exterior diameter of said immobile tube.

24. (Previously presented) A system for producing cables, comprising:

an extrusion structure including at least one extruder and a cross head, the extrusion structure extruding a jacket layer around at least one line of cable;

a tube structure including a plurality of tubes disposed downstream of said cross head, said tube structure cross-linking and/or vulcanizing the extruded jacket layer;

said tubes including a movable tube and an immobile tube, said movable tube being slidable over said immobile tube;

said movable tube being streamwise adjacent to said cross head and enabling access to said cross head;

an induction heating system being securely disposed in or attached to said movable tube so that said induction heating system is insertable into or slidable over said immobile tube;

a bearing supporting an upper part of said tube structure; and

said bearing being connected to said immobile tube and being disposed at a location that is not covered by said movable tube when said movable tube is moved over said immobile tube.

25. (New) The system of claim 24, wherein said immobile tube extends substantially horizontally and forms a catenary curve.

26. (New) The system of claim 24, wherein said induction heating system extends over the length of said movable tube.

27. (New) The system of claim 24, wherein said movable tube comprises an electrically non-conducting material that is heat-resistant and resistant to compression.

28. (New) The system of claim 24, wherein said movable tube comprises a carbon fiber compound.

29. (New) The system of claim 24, wherein said movable tube and said induction heating apparatus have an exterior diameter that is smaller than an interior diameter of said immobile tube.

30. (New) The system of claim 24, wherein said movable tube includes an exterior surface on which said induction heating system is affixed, said movable tube having an interior diameter that is greater than an exterior diameter of said immobile tube.

31. (New) The system of claim 24, wherein a portion of said immobile tube includes an electrically non-conducting material that is heat-resistant, resistant to compression and is surrounded by a second induction heating system.

32. (New) The system of claim 24, wherein:

said induction heating system secured to said movable tube comprise a downstream induction heating system set for heating at a temperature above the vulcanization temperature; and

further comprising an upstream induction heating system, disposed upstream of said cross head which, is set to a temperature below the vulcanization temperature.